

Appl. No. 10/501,164
Amdt. dated Nov. 2, 2006
Reply to Office action of Aug. 17, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A metal-halide lamp comprising a discharge vessel ~~(3)~~ with a ceramic wall, the discharge vessel enclosing a discharge space~~—(11)~~ which contains an ionizable filling, which filling, in addition to Hg, contains a quantity of halide of Na, Ca and Tl, wherein

the ionizable filling comprises CaI_2 in a molar quantity which lies between 20 and 50% of said~~the~~ total molar quantity of the halides of Na, Ca and Tl.

Claim 2 (currently amended): A metal-halide lamp as claimed in claim 1, ~~characterized in that~~wherein the molar quantity of CaI_2 lies between 25 and 35% of ~~the~~

said total molar quantity of the halides of Na, Ca and Tl.

Claim 3 (currently amended): A lamp as claimed in claim 1, ~~characterized in that~~wherein the discharge vessel contains an oxygen dispenser.

Claim 4 (currently amended): A lamp as claimed in claim 3, ~~characterized in that~~wherein the oxygen dispenser contains CaO.

Claim 5 (new): A metal-halide lamp as claimed in claim 1, wherein the molar quantity of CaI_2 is below 30% of said total molar quantity of the halides of Na, Ca and Tl.

Claim 6 (new): A metal-halide lamp as claimed in claim 1, wherein the color temperature of the lamp is less than 3500°K .

Claim 7 (new): A metal-halide lamp comprising a discharge vessel with a ceramic wall,

the discharge vessel enclosing a discharge space which contains an ionizable filling,

which filling, in addition to Hg, contains a quantity of halides, said halides consisting essentially of one or more of the halides of Na, Ca or Tl,

wherein the ionizable filling comprises CaI_2 in a molar quantity which lies below 50% of the total molar quantity of said quantity of halides.

Claim 8 (new): A metal-halide lamp as claimed in claim 7, wherein the molar quantity of CaI_2 lies below 35% of said total molar quantity of halides.

Claim 9 (new): A metal-halide lamp as claimed in claim 7, wherein the molar quantity of CaI_2 lies below 30% of said total molar quantity of halides.

Claim 10 (new): A metal-halide lamp comprising a discharge vessel with a ceramic wall,

the discharge vessel enclosing a discharge space which contains an ionizable filling,

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which filling, in addition to Hg, contains a quantity
of halide of Na, Ca and Tl,
wherein

the ionizable filling comprises CaI_2 in a molar
quantity which lies between 20 and 50% of the total molar
quantity of the halides in the discharge space, and the
color temperature realized by the lamp is 3500°K or
lower.